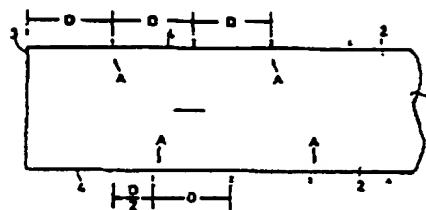


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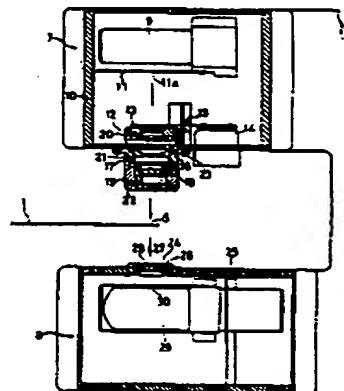


APPLICANT : KONICA CORP;

INVENTOR : SAWASUMI TSUNEO;

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TITLE : DETECTING METHOD FOR
INFORMATION DISPLAYED IN
SHEET-LIKE MATERIAL



ABSTRACT : PURPOSE: To attain detection excellent in responsiveness by traveling a sheet-like material including information formed with piercing holes, projecting light that does not transmit the sheet-like material on the traveling sheet-like material to detect the information.

CONSTITUTION: In order to eliminate defect parts such as cracks arising on a film made of polyethylene terephthalate and a photosensitive layer in a web 1, bubbles and attaching foreign matters, they are detected. The defect parts are detected at a step before the web 1 is cut. Light is scanned on the surface of the web 1 and a change in the reflected light is detected, for instance. When the web 1 travels at the prescribed speed, a shutter 3 in a light emitting part 7 is opened, and ultraviolet ray outputted from a low pressure mercury lamp 9 in the light emitting part 7 is made incident on a lens part 12 through a slit 11a on a slit plate 11. A multiplier phototube 29 detects a change in luminous energy, which is caused by the piercing hole 5, and therefore positional information A on the web 1 is read out.

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